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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Confirmation No. 8945

Application No.: 10/655,985)
)
Filing Date: September 5, 2003)
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Applicant(s): Guoming G. Zhu et al.)
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Group Art Unit: 2863)
)
Examiner: Michael P. Nghiem)
)
Title: Methods of Diagnosing)
Open-Secondary Winding of)
An Ignition Coil Using The)
Ionization Current Signal)
)
Attorney Docket: 46107-0091)

AMENDMENT AND RESPONSE

Commissioner For Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

This is in response to the Office Action dated December 15, 2004, for which the three-month shortened statutory period for response expires on March 15, 2005. Kindly consider the remarks set forth below.

Amendments to the Specification begin on page 2 of this paper.

A Listing of the Claims begin on page 3 of this paper.

Amendments to the Drawings begin on page 9 of this paper and include two attached replacement sheets.

Remarks begin on page 10 of this paper.

An **Appendix** including amended drawing figures is attached following page 13 of this paper.